

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 674554-2002  
First Inventor ANVERSA  
Title METHODS AND COMPOSITIONS FOR THE REPAIR AND/OR  
REGENERATION OF DAMAGED MYOCARDIUM  
Express Mail Label No. EL 819168747 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 70]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer  
program listing appendix.  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 29]  
Oath or Declaration [Total Pages 3]  
☒ Newly executed (original or copy) (UNSIGNED)  
☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table  
or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CFR)  
b. Specification sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement  
☒ Power of Attorney (UNSIGNED)  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach from PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or  
in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:  
Prior application information: Examiner: Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon which a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name THOMAS J. KOWALSKI  
FROMMER LAWRENCE & HAUG LLP  
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City New York State NY Zip Code 10151  
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Name (Print/Type) Thomas J. Kowalski Registration No. (Attorney/Agent) 32,147  
Signature [Signature] Date July 31, 2001

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1992.00

**Complete if Known**

Application Number

Filing Date

HEREWITH

First Named Inventor

ANVERSA

Examiner Name

Group/Art Unit

Attorney Docket No.

674554-2002

**METHOD OF PAYMENT**1. ☐

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Name

Frommer Lawrence &amp; Haug LLP

Deposit  
Account  
Number

50-0320

☒ Charge any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37 CFR  
1.18 at the Mailing of the Notice of  
Allowance☒ Payment Enclosed☒ Check☐ Money Order☐ Other**FEE CALCULATION****BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1	710	201	355	Utility filing fee	355.00
3	320	206	160	Design filing fee	
7	490	207	245	Plant filing fee	
3	710	208	355	Reissue filing fee	
4	150	214	75	Provisional filing fee	
SUBTOTAL (1)					355.50

**EXTRA CLAIM FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
153	133	X	9.00	=	1197.00
14	11	X	40.00	=	440.00
Multiple Dependent	0	X		=	1637.00

\*\* or number previously paid, if greater; for reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	130	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
107	490	207	245	Plant filing fee

SUBTOTAL (2)

(\$1637.00)

**FEE CALCULATION****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205		Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or Cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request of reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth Month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	160	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use Proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive- unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional Applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					
SUBTOTAL (3)					(\$0)

\* Reduced by Basic Filing Fee

**SUBMITTED BY**

Typed or Printed Name

Thomas J. Kowalski

Signature

Date

7/31/01

**Complete (if applicable)**

Reg. Number

32,147

Deposit Account

50-0320

**WARNING: Information on this form may become public. credit card information should not be included on this form.****Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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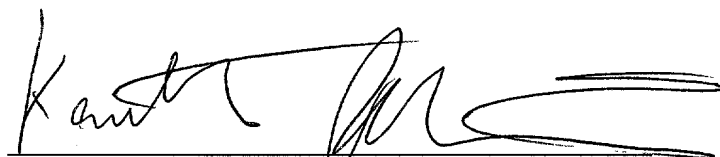
**CERTIFICATE OF MAILING - SEPARATE PAPER - UTILITY APPLICATION**

Attorney Docket No. : 674554-2002  
Title : METHODS AND COMPOSITIONS FOR REPAIR AND/OR  
REGENERATION OF DAMAGED MYOCARDIUM  
Filed : Herewith  
Applicants : ANVERSA

Mailed: **July 31, 2001** via "Express Mail Label # **EL 81916747 US**

I hereby certify that the divisional application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX: PATENT APPLICATION

  
(Type/printed name of person mailing paper or fee)

  
Signature